

**MEMORY EXPANSION FOR FORM-FACTOR CONSTRAINED  
PORTABLE AUDIO DEVICE**

**ABSTRACT**

A portable audio device. The portable audio device includes a digital audio player that converts digital signals stored in a memory to audio signals and audio outputs that allow a user to hear the audio signals. The audio device also includes an expansion module residing separate from the player that provides extra capacity. The extra capacity may be memory or battery capacity. It may reside on a remote control or in the earphones, among other locations.

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